

ABSTRACT

A grip-enhancing material for preventing two objects in contact with each other from slipping is disclosed herein. The grip-enhancing material of the present invention includes a plurality of recesses, such as suction cups, positioned on a base material. The suction cups may be connected to the base material by a stem or may be connected directly to the base material. The base material can be affixed to a first object with adhesive and the grip-enhancing material engages a second object upon contact through suction and/or friction forces. In one application, the grip-enhancing material may be applied to prevent heavy objects placed on smooth surfaces from slipping. In another application, the grip-enhancing material is used to enhance the frictional characteristics of gripping surfaces on certain objects. Further, the grip-enhancing material may be affixed directly to various body parts to enhance a person's ability to grip various objects.